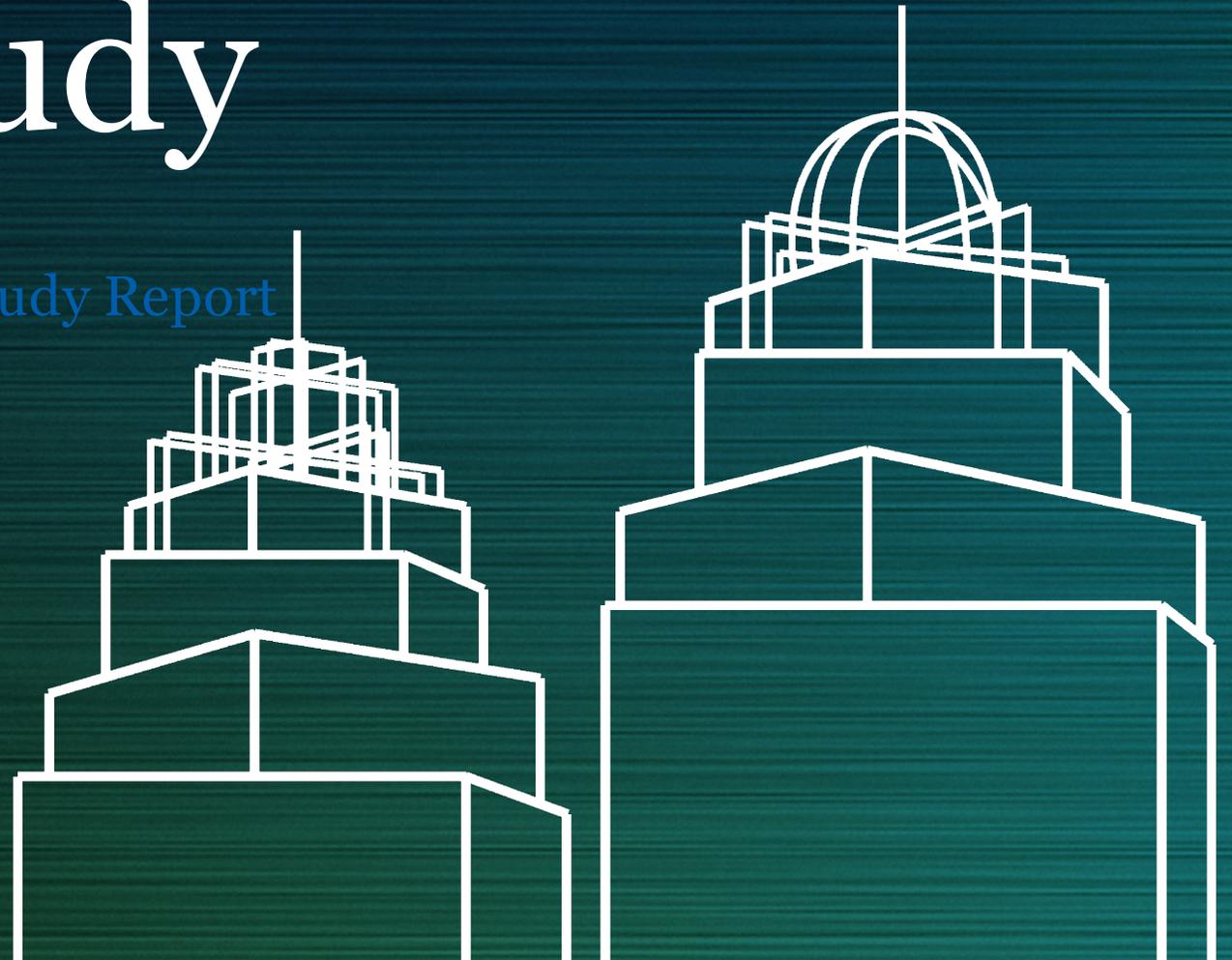


Hammond Drive Corridor Study

Executive Summary

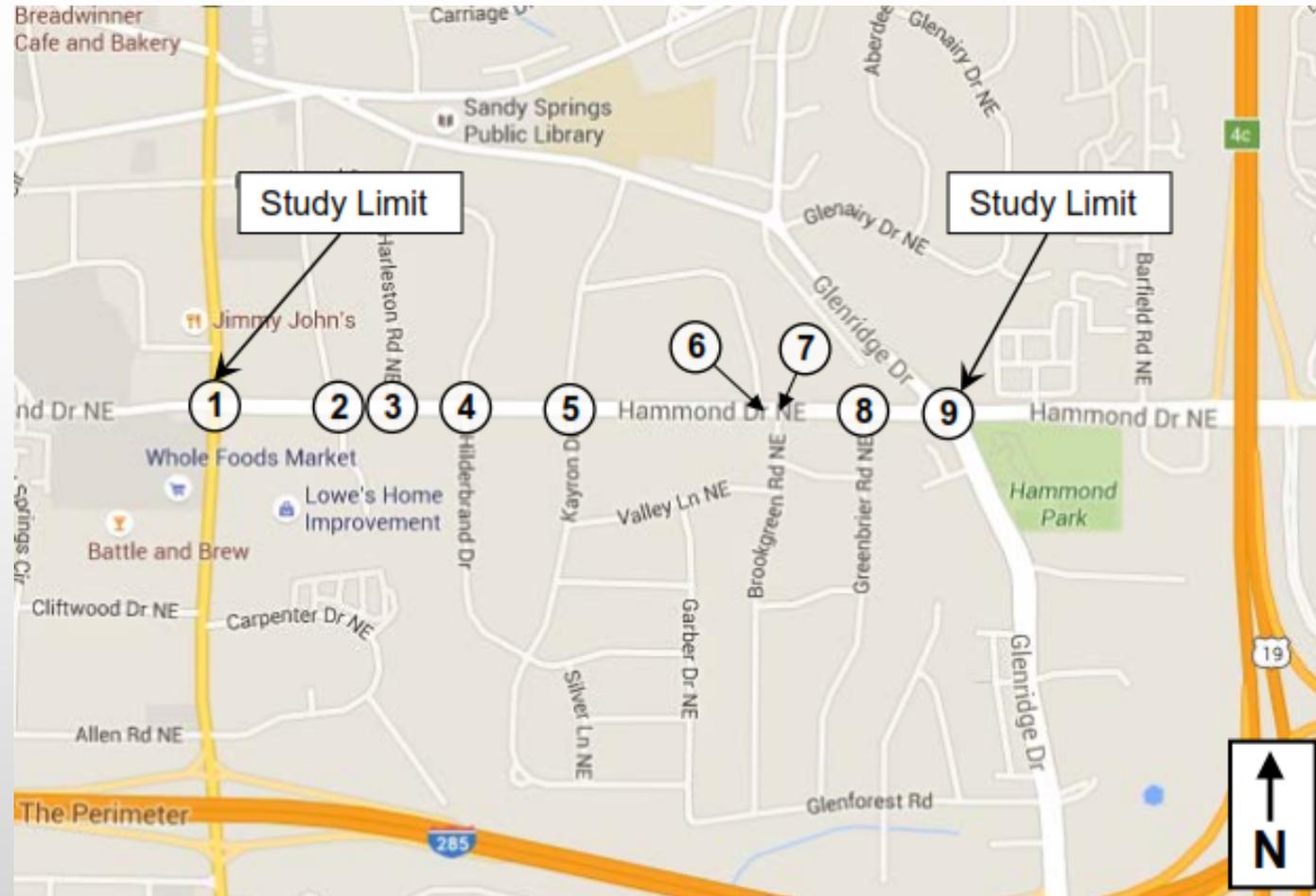
Based on May 2016 Traffic Corridor Study Report

June 7, 2016



Study Limits

- @ Roswell Road (SR 9) (signalized)
- @ Boylston Drive (signalized)
- @ Harleston Road
- @ Hilderbrand Drive
- @ Kayron Drive
- @ Lorell Terrace
- @ Brookgreen Road
- @ Greenbriar Road
- @ Glenridge Drive (signalized)



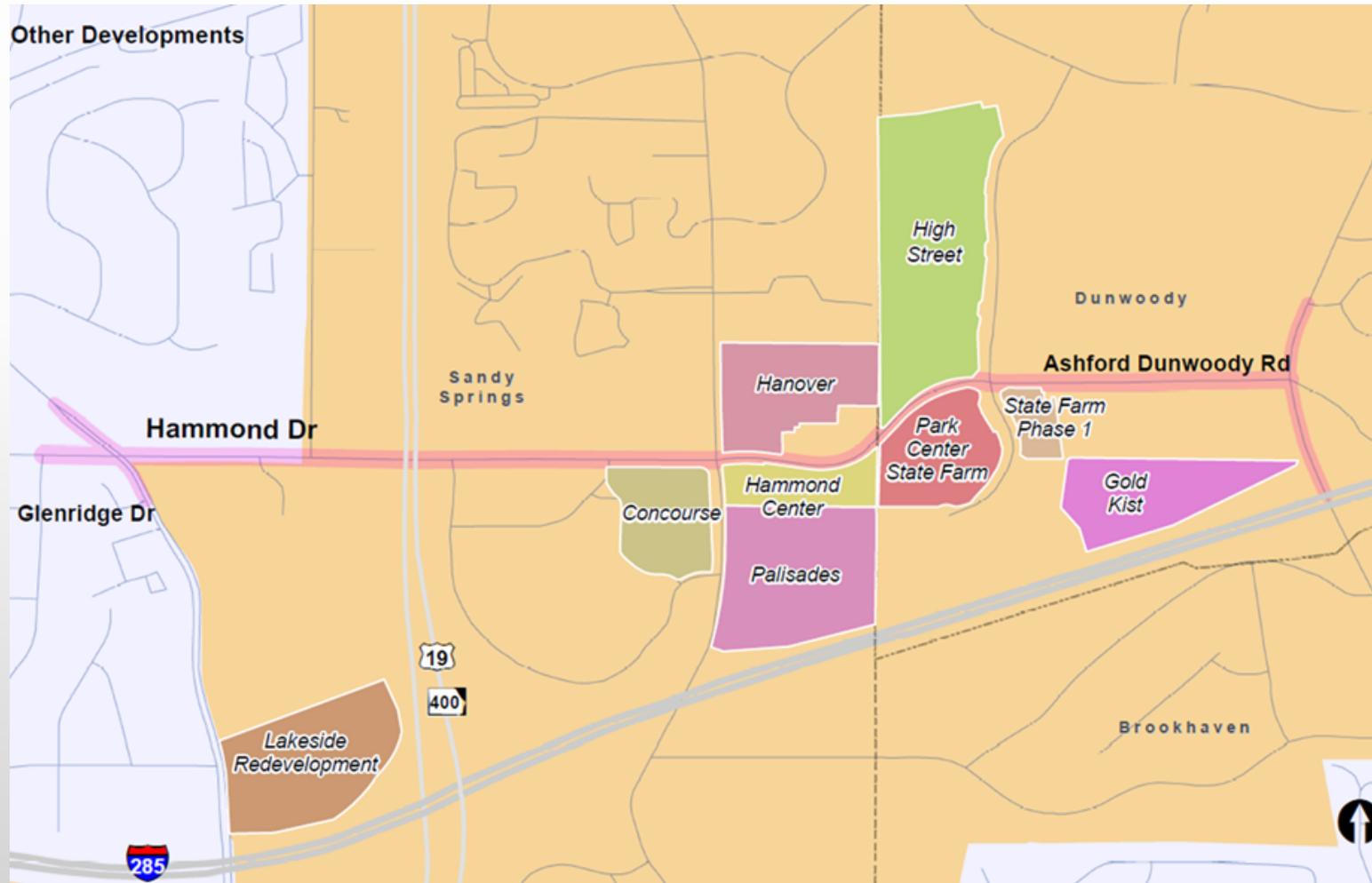
Planned Improvements

A traffic corridor study was conducted for the Hammond Drive Improvements project based on a simplified concept for a four lane divided boulevard with sidewalks and bicycle lanes from Roswell Road (SR 9) to Glenridge Drive.

Traffic Volumes

- Intersection counts were collected in April 2016
- Traffic volumes were forecasted for:
 - 2026 Opening Year (10 year horizon from existing year – design standard)
 - 2046 Design Year (20 year horizon from opening year – design standard)
- A 1.0 percent annual growth rate was used for forecasting volumes
- Peak hour traffic volumes from planned developments were added to future 2026 and 2046 volumes

Planned Developments*



* Planned developments based on Gresham Smith and Partners Hammond Drive West Study

2016 Existing Summary of LOS

Intersection	AM Peak	PM Peak
Signalized Intersections		
Hammond Dr at Roswell Rd (SR 9)	D	D
Hammond Dr at Boylston Dr	B	B
Hammond Dr at Glenridge Dr	D	E
Unsignalized Intersections		
Hammond Dr at Harleston Rd	C	B
Hammond Dr at Hilderbrand Dr	D	E
Hammond Dr at Kayron Drive	C	D
Hammond Dr at Lorrell Terrace	C	C
Hammond Dr at Brookgreen Rd	C	C
Hammond Dr at Greenbrier Rd	C	B

2026 and 2046 Summary of LOS

Intersection	2026 No-Build		2046 No-Build		2026 Build		2046 Build	
	AM Peak	PM Peak	AM Peak	PM Peak	AM Peak	PM Peak	AM Peak	PM Peak
Signalized Intersections								
Hammond Dr at Roswell Rd (SR 9)*	F	F	F	F	D	E	E	F
Hammond Dr at Boylston Dr	D	D	F	E	A	C	A	B
Hammond Dr at Glenridge Dr*	F	F	F	F	F	E	F	F
Unsignalized Intersections								
Hammond Dr at Harleston Rd	F	E	F	E	B	C	B	C
Hammond Dr at Hilderbrand Dr**	F	F	F	F	E	F	F	F
Hammond Dr at Kayron Drive**	F	F	F	F	F	F	F	F
Hammond Dr at Lorrell Terrace	F	F	F	F	B	A	B	A
Hammond Dr at Brookgreen Rd	E	E	E	E	C	B	C	B
Hammond Dr at Greenbrier Rd	E	E	E	E	C	B	C	B

* Improvements at signalized intersections (turn lanes, signal phasing, etc.) will be studied to improve LOS operations

** Improvements at unsignalized intersections (traffic signals, innovative intersections, etc.) will be studied to improve LOS operations

Questions?